

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Express Mail No.: EV 351237171 US.

Applicant : Alexander G. MacInnis, et al.
Application No. : To be assigned
Filed : January 21, 2004
Title : GRAPHICS DISPLAY SYSTEM WITH WINDOW DESCRIPTORS

Grp./Div. : To be assigned
Examiner : To be assigned

Docket No. : 51706/JEJ/B600

INFORMATION DISCLOSURE STATEMENT
FOR A CONTINUING NON-CPA APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
January 21, 2004

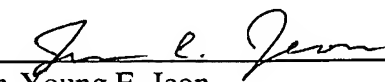
Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, enclosed is FORM PTO/SB/08A/B. The references listed thereon are not enclosed because they were of record in a parent application, Application No. 09/437,716, filed November 9, 1999.

It is respectfully requested that these references be considered in the examination of this application, and identified in the list of references cited on the patent issuing on this application.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 
Jun-Young E. Jeon
Reg. No. 43,693
626/795-9900

JEJ/sd
Enclosure(s)
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FORM PTO-1449	Attorney Docket Number	51706/JEJ/B600
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	January 21, 2004
	Applicant(s)	Alexander G. MacInnis, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,155,816	10/1992	Kohn	395	375	
	5,604,514	02/1997	Hancock	345	154	
	5,758,177	05/1998	Gulick et al	395	800.01	
	5,864,345	01/1999	Wickstrom et al.	345	431	
	5,949,439	09/1999	Ben-Yoseph et al.	345	503	
	5,956,041	09/1999	Koyamada et al	345	420	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS	
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	POWER TV, INC., Eagle TM Graphics/Audio Media Compositor, Version 1.7, February 27, 1997

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	MOTOROLA, INC., MC92100 "Scorpion" Graphics Display Generator, SDRAM Controller, and Digital Video Encoder, 1997, 6 pages

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✓	5,142,273	08/1992	Wobermin	340	703	
✓	5,434,957	07/1995	Moller	395	131	
✓	6,023,302	02/2000	MacInnis et al	348	597	
✓	6,204,859	03/2001	Jouppi et al	345	431	

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✓	BLINN, Jim; "Jim Blinn's Corner Dirty Pixels; publication; 1998; pp. 179-190; Chapter Sixteen, Compositing-Theory, September 1994; Morgan Kaufman Publishers, Inc.; San Francisco, CA; U.S.A.

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EXAMINER INITIALS	Cite No. ¹	<u>DOCUMENT NUMBER</u> Number - kind code ² - (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		4,020,332	04-26-1977	Crochiere et al.
		4,679,040	07-07-1987	Yan
		5,097,257	03-17-1992	Clough et al.
		5,258,747	11-02-1993	Oda et al.
		5,262,854	11-16-1993	Ng
		5,307,177	04-26-1994	Shibata et al.
		5,384,912	01-24-1995	Ogrinc et al.
		5,396,567	03-07-1995	Jass
		5,398,211	03-14-1995	Willenz et al.
		5,432,900	07-11-1995	Rhodes et al.
		5,434,683	07-18-1995	Sekine et al.
		5,515,077	05-07-1996	Tateyama
		5,533,182	07-02-1996	Bates et al.
		5,600,364	02-04-1997	Hendricks et al.
		5,614,952	03-25-1997	Boyce et al.
		5,615,376	03-25-1997	Ranganathan
		5,619,337	04-08-1997	Naimpally
		5,621,906	04-15-1997	O'Neill et al.
		5,625,611	04-29-1997	Yokota et al.
		5,635,985	06-03-1997	Boyce et al.
		5,638,501	06-10-1997	Gough et al.

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		5,640,543	06-17-1997	Farrell et al.
		5,664,162	09-02-1997	Dye
		5,696,527	12-09-1997	King et al.
		5,719,593	02-17-1998	De Lange
		5,742,779	04-21-1998	Steele et al.
		5,745,095	04-28-1998	Parchem et al.
		5,761,516	06-02-1998	Rostoker et al.
		5,764,238	06-09-1998	Lum et al.
		5,790,136	08-04-1998	Hoffert et al.
		5,790,795	08-04-1998	Hough
		5,790,842	08-04-1998	Charles et al.
		5,793,445	08-11-1998	Lum et al.
		5,815,137	09-29-1998	Weatherford et al.
		5,828,383	10-27-1998	May et al.
		5,831,615	11-03-1998	Drews et al.
		5,844,608	12-01-1998	Yu et al.
		5,867,166	02-02-1999	Myhrvold et al.
		5,874,967	02-23-1999	West et al.
		5,894,300	04-13-1999	Takizawa
		5,914,728	06-22-1999	Yamagishi et al.
		5,920,572	07-06-1999	Washington et al.

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		5,923,316	07-13-1999	Kitamura et al.
		5,923,385	07-13-1999	Mills et al.
		5,926,647	07-20-1999	Adams et al.
		5,949,432	09-07-1999	Gough et al.
		5,951,664	09-14-1999	Lambrecht et al.
		5,959,626	09-28-1999	Garrison et al.
		5,959,637	09-28-1999	Mills et al.
		5,963,201	10-05-1999	McGreggor et al.
		5,977,933	11-02-1999	Wicher et al.
		5,982,459	11-09-1999	Fandrianto et al.
		5,987,555	11-16-1999	Alzien et al.
		6,005,546	12-21-1999	Keene
		6,006,303	12-21-1999	Barnaby et al.
		6,018,803	01-25-2000	Kardach
		6,028,583	02-22-2000	Hamburg
		6,038,031	03-14-2000	Murphy
		6,078,305	06-20-2000	Mizutani
		6,088,355	07-11-2000	Mills et al.
		6,100,899	08-08-2000	Ameline et al.
		6,105,048	08-15-2000	He
		6,121,978	09-19-2000	Miler

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		6,133,901	10-17-2000	Law
		6,151,030	11-21-2000	DeLeeuw et al.
		6,157,415	12-05-2000	Glen
		6,157,978	12-05-2000	Ng et al.
		6,160,989	12-12-2000	Hendricks et al.
		US 6,184,908 B1	02-06-2001	Chan et al.
		US 6,189,064 B1	02-13-2001	MacInnis et al.
		US 6,199,131 B1	03-06-2001	Melo et al.
		US 6,205,260 B1	03-20-2001	Crinon et al.
		US 6,208,354 B1	03-27-2001	Porter
		US 6,212,590 B1	04-03-2001	Melo et al.
		US 6,229,550 B1	05-08-2001	Gloudemans et al.
		US 6,239,810 B1	05-29-2001	Van Hook et al.
		US 6,252,608 B1	06-26-2001	Snyder et al.
		US 6,263,019 B1	07-17-2001	Ryan
		US 6,263,396 B1	07-17-2001	Cottle et al.
		US 6,269,107 B1	07-31-2001	Jong
		US 6,311,204 B1	10-30-2001	Mills
		US 6,335,746 B1	01-01-2002	Enokida et al.
		US 6,337,703 B1	01-08-2002	Konar et al.

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	-	EP 0752695 A2	01-08-1997	Sun Microsystems, Inc.	
	•	EP 0840505 A2	05-06-1998	Texas Instruments Incorporated	
	•	WO 00/28518	05-18- 2000	Broadcom Corporation	

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	•	SUN, HUIFANG et al., "A New Approach for Memory Efficient ATV Decoding," 1997 IEEE International Conference on Consumer Electronics, Pages 174-175, Los Angeles, 1997.
	•	FOLEY, JAMES D. et al., "Computer Graphics: Principles and Practice," 4 Pages, Second Edition in C, Addison-Wesley Publishing Company, USA, 1996.
	•	BAO, JAY et al., "HDTV Down-Conversion Decoder," IEEE Transactions on Consumer Electronics, Pages 402-410, Volume 42, No. 3, August 1996.
	•	MOKRY, ROBERT et al., "Minimal Error Drift in Frequency Scalability for Motion-Compensated DCT Coding," IEEE Transactions on Circuits and Systems for Video Technology, Pages 392-406, Volume 4, No. 4, August 1994.
	•	VETRO, ANTHONY et al., "Minimum Drift Architectures for 3-Layer Scalable DTV Decoding," IEEE Transactions on Consumer Electronics, Pages 527-536, Volume 44, No. 3, August 1998
	•	LEE, DONG-HO et al., "HDTV Video Decoder Which Can Be Implemented With Low Complexity," IEEE International Conference on Consumer Electronics, Pages 6-7, 1994.

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	•	SUN, HUIFANG, "Hierarchical Decoder For MPEG Compressed Video Data," IEEE Transactions on Consumer Electronics, Pages 559-564, Volume 39, No. 3, August 1993.
	•	YU, HAOPING et al., "Block-Based Image Processor for Memory Efficient MPEG Video Decoding," 1999 IEEE International Conference on Consumer Electronics, Pages 114-115, 1999.

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		4,367,466	01-04-1983	Takeda et al.
		4,532,547	07-30-1985	Bennett
		4,688,033	08-18-1987	Carini et al.
		4,959,718	09-25-1990	Bennett
		5,043,714	08-27-1991	Perlman
		5,418,535	05-23-1995	Masucci et al.
		5,467,144	11-14-1995	Saeger et al.
		5,471,411	11-28-1995	Adams et al.
		5,526,054	06-11-1996	Greenfield et al.
		5,550,594	08-27-1996	Cooper et al.
		5,570,296	10-29-1996	Heyl et al.
		5,577,187	11-19-1996	Mariani
		5,694,143	12-02-1997	Fielder et al.
		5,708,764	01-13-1998	Borrel et al.
		5,963,262	10-05-1999	Ke et al.
		6,046,740	04-04-2000	LaRoche et al.
		6,064,676	05-16-2000	Slattery et al.
		6,094,226	07-25-2000	Ke et al.
		6,098,046	08-01-2000	Cooper et al.
		6,100,826	08-08-2000	Jeon et al.
		6,111,896	08-29-2000	Slattery et al.

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		6,151,074	11-21-2000	Werner
		US 6,169,843 B1	01-02-2001	Lenihan et al.
		US 6,320,619 B1	11-20-2001	Jiang
		US 6,326,984 B1	12-04-2001	Chow et al.
		US 6,327,000 B1	12-04-2001	Auld et al.
		US 6,351,471 B1	02-26-2002	Robinett et al.
		US 6,351,474 B1	02-26-2002	Robinett et al.
		US 6,362,827 B1	03-26-2002	Ohba
		US 6,380,945 B1	04-30-2002	MacInnis et al.
		US 6,411,333 B1	06-25-2002	Auld et al.

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		EP 0746116 A2	12-04-1996	Mitsubishi Denki Kabushiki Kaisha Tokyo 100 (JP)	

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51706/JEJ/B600
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	January 21, 2004
	Applicant(s)	Alexander G. MacInnis, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	<u>DOCUMENT NUMBER</u> Number - kind code ² . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		5,621,869	04-15-1997	Drews

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. ¹	<u>Foreign Patent Document</u> Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)
		EP 0840276 A2	05-06-1998	Texas Instruments Incorporated	
		EP 0840277 A2	05-06-1998	Texas Instruments Incorporated	
		WO 94/10641 A1	05-11-1994	THE 3DO COMPANY	
		GB 2287627 A	09-20-1995	VTECH Electronics Ltd	

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U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - kind code ² . (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		5,148,417	09-15-1992	Wong et al.
		5,422,858	06-06-1995	Mizukami et al.
		5,432,769	07-11-1995	Honjo
		5,469,223	11-21-1995	Kimura
		5,488,385	01-30-1996	Singhal et al.
		5,598,525	01-28-1997	Nally et al.
		5,610,983	03-11-1997	Stewart
		5,619,270	04-08-1997	Demmer
		5,621,478	04-15-1997	Demmer
		5,706,482	01-06-1998	Matsushima et al.
		5,802,579	09-01-1998	Crary
		5,854,761	12-29-1998	Patel et al.
		5,903,281	05-11-1999	Chen et al.
		5,907,295	05-25-1999	Lin
		5,982,305	11-09-1999	Taylor
		6,061,402	05-09-2000	Boyce et al.
		6,067,322	05-23-2000	Wang
		6,134,378	10-17-2000	Abe et al.
		US 6,208,671 B1	03-27-2001	Paulos et al.
		US 6,339,434 B1	01-15-2002	West et al.

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U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	<u>DOCUMENT NUMBER</u> Number - kind code ² - (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		US 6,408,436 B1	06-18-2002	de Haas
		US 6,496,186 B1	12-17-2002	Deering

FOREIGN PATENT DOCUMENTS					
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OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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U.S. PATENT DOCUMENTS				
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		5,638,499	06-10-1997	O'Connor et al.
		5,896,136	04-20-1999	Augustine et al.
		5,907,635	05-25-1999	Numata
		5,914,725	06-22-1999	MacInnis et al.
		5,961,603	10-05-1999	Kunkel et al.
		5,982,425	11-09-1999	Allen et al.
		6,061,094	05-09-2000	Maietta
		6,115,422	09-05-2000	Anderson et al.
		US 6,275,507 B1	08-14-2001	Anderson et al.
		US 6,281,873 B1	08-28-2001	Oakley
		US 6,326,963 B1	12-04-2001	Meehan
		US 6,353,460 B1	03-05-2002	Sokawa et al.
		US 6,384,840 B1	05-07-2002	Frank et al.
		US 6,421,460 B1	07-16-2002	Hamburg
		US 6,426,755 B1	07-30-2002	Deering

FOREIGN PATENT DOCUMENTS

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U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name of Patentee
		5,301,332	04-05-1994	Dukes
		5,327,125	07-05-1994	Iwase et al.
		5,335,074	08-02-1994	Stec
		5,371,877	12-06-1994	Drako et al.
		5,532,749	07-02-1996	Hong
		5,539,891	07-23-1996	Childers et al.
		5,574,572	11-12-1996	Malinowski et al.
		5,583,575	12-10-1996	Arita et al.
		5,598,545	01-28-1997	Childers et al.
		5,600,379	02-04-1997	Wagner
		5,623,311	04-22-1997	Phillips et al.
		5,765,010	06-09-1998	Chung et al.
		5,793,384	08-11-1998	Okitsu
		5,812,210	09-22-1998	Arai et al.
		5,889,949	03-30-1999	Charles
		5,920,842	07-06-1999	Cooper et al.
		5,948,082	09-07-1999	Ichikawa
		5,953,691	09-14-1999	Mills
		5,963,222	10-05-1999	Cheney et al.
		6,006,286	12-21-1999	Baker et al.
		6,023,302	02-08-2000	MacInnis et al.
		US 6,178,486 B1	01-23-2001	Gill et al.
		US 6,189,073 B1	02-13-2001	Pawlowski
		US 6,215,703 B1	04-10-2001	Bogin et al.

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U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	Publication Date MM-DD-YYYY	Name of Patentee
		US 6,226,794 B1	05-01-2001	Anderson, Jr. et al.
		US 6,374,244 B1	04-16-2002	Shibata
		US 6,434,319 B1	08-13-2002	Wine
		US 6,456,335 B1	09-24-2002	Miura et al.
		US 6,466,624 B1	10-15-2002	Fogg
		US 2002/0176506 A1	11-28-2002	Ferreira Florencio et al.

FOREIGN PATENT DOCUMENTS					
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OTHER DOCUMENTS		
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U.S. PATENT DOCUMENTS				
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	,	5,546,103	08-13-1996	Rhodes et al.
	-	5,592,601	01-07-1997	Kelley et al.
	,	5,751,979	05-12-1998	McCrory
	,	5,940,089	08-17-1999	Dilliplane et al.
	\	6,002,411	12-14-1999	Dye
	-	6,144,392	11-07-2000	Rogers

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)

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